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## City & Guilds

600/1074/5 Level 2 NVQ Diploma in Aeronautical Engineering

### OVERVIEW

What does this qualification cover?

It covers a wide range of aeronautical engineering disciplines related to the Aerospace sector. It enables learners to demonstrate their occupational competence through the development of hand-skills and gaining of knowledge.

Learners have the option of selecting one of six pathways, Aircraft Systems Maintenance, Survival Equipment Maintenance, Aircraft Component Assembly, Electrical and Electronic, Composite Manufacture and Lifting and Moving loads. For each the learner must complete the following mandatory units:

- Working safely in an engineering environment
- Carrying out engineering activities efficiently and effectively
- Using and Communicating Technical Information
- Reinstating the Work Area on Completion of Aircraft Engineering Activities

Dependant upon the pathway chosen the learner must complete two or three optional units which include:

- Carry out maintenance on aircraft mechanical systems by component replacement
- Servicing parachute assemblies
- Assembling aircraft airframe ancillary components
- Producing aircraft cableforms and looms
- Producing aircraft components using wet lay-up techniques
- Carrying out trimming operations on aircraft composite components
- Positioning and securing aircraft access structures

The qualification is suitable for a wide range of learners starting at the age of 16.

This is a Framework qualification.



Who could take this qualification?

It is a work-related, competence-based qualification, and is designed for someone wishing to progress either into or in employment in the Aerospace sector.

What could this qualification lead to?

Learners can be employed in a variety of aerospace engineering job roles including:

- Aerospace Component Assembly Fitter
- Semi-skilled Aircraft Maintenance Fitter
- Aero Engine Fitter
- Survival Equipment Maintenance Mechanic

The learner could progress onto an advanced apprenticeship in Aeronautical Engineering or other qualifications such as:

Level 3 Diploma in Aircraft Manufacture

Level 3 Diploma in Aircraft Maintenance

Level 3 NVQ Extended Diploma in Aeronautical Engineering

Who supports this qualification?

It is supported by the British Business and General Aviation association.